

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Kazuhisa FUKUSHIMA, et al.

Serial Number: Not Yet Assigned

Filed: December 5, 2003

Customer No.: 38834

For: BIOPOLYMER DETECTING METHOD AND BIOCHIP

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

December 5, 2003


Sir:

In compliance with 37 CFR 1.56, Applicant(s) call(s) to the attention of the Patent and Trademark Office the references listed on the attached PTO-1449.

A copy of each of the references is enclosed herewith.

In the event there are any fees due in connection with the filing of this paper, please charge Deposit Account No. 50-2866.

Respectfully submitted,
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Enclosures: PTO-1449; References (2)

INFORMATION DISCLOSURE STATEMENT PTO-1449	Atty. Docket No. 032094	Serial No. New Appln.
	Applicant(s): Kazuhisa FUKUSHIMA, et al.	
	Filing Date: December 5, 2003	Group Art Unit:

U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Name	Date	Class	Subclass	Filing Date (If appropriate)
_____	AA					
_____	AB					
_____	AC					
_____	AD					

FOREIGN PATENT DOCUMENTS

Document No.	Date	Country	Translation (Yes or No)
_____ AE 2000-131237	05/12/00	Japan	Abstract & Discussed in the Spec.
_____ AF 2000-235035	08/29/00	Japan	Abstract & Discussed in the Spec.
_____ AG			
_____ AH			
_____ AI			

OTHER DOCUMENTS

_____	AJ			
_____	AK			
<table border="1" style="width: 100%;"> <tr> <td style="width: 50%;">Examiner</td> <td style="width: 50%;">Date Considered</td> </tr> </table>			Examiner	Date Considered
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for IDS

1/1 PLUSPAT - (C) QUESTEL-ORBIT image

PN - JP2000131237 A 20000512 [JP2000131237]

TI - (A) MICROARRAY CHIP READING METHOD, AND READER THEREFOR

PA - (A) FUJI PHOTO FILM CO LTD

PA0 - (A) FUJI PHOTO FILM CO LTD

IN - (A) OGURA NOBUHIKO

AP - JP30081798 19981022 [***1998JP-0300817***]

PR - JP30081798 19981022 [1998JP-0300817]

STG - (A) Doc. Laid open to publ. Inspec.

AB - PROBLEM TO BE SOLVED: To reduce a cost, and to enhance a reading processing speed, in a reader for a microarray chip.

- SOLUTION: Step motors 21, 22 move a stage 30 to scan with excited light L only a prescribed position on a microarray chip arranged with combining materials (materials to be detected) 12, while a beam diameter of the excited light L for irradiating the microarray chip 10 is made by a condenser lens 60 to have on the chip 10 a diameter larger than the respective combining materials 12.

- COPYRIGHT: (C)2000,JPO

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